

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations for Pennsylvania

EPA strongly cautions that these modeling results should not be used to draw conclusions about local concentrations or risk. The results are most meaningful when viewed at the state or national scale. In addition, these results represent conditions in 1996 rather than current conditions.

- The exposure estimates presented below are representative of midrange estimates of population exposures. Due to a number of factors, some individuals may have substantially higher or lower exposures. It is important to note that the model, as applied on the national scale, is not designed to quantify these extreme values of individual exposures.
- Note that for certain chemicals, exposure pathways other than inhalation as well as indoor sources of air toxics may contribute substantially to total exposures of concern. This assessment does not address these other routes of exposure (i.e., ingestion or dermal) or inhalation exposure resulting from indoor sources.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.
- Methods of estimating emissions as well as simplified modeling assumptions may introduce significant uncertainties into each component of the assessment.
[For a discussion of limitations please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.

				Estimated Annual Median Exposure Concentrations (ug/m3) for Pennsylvania												
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium
National	All	99999	-	2.33E-04	4.79E-02	5.20E-02	4.82E-01	7.21E-02	5.62E-04	4.83E-05	1.19E+00	8.35E-06	3.90E-05	6.41E-01	6.90E-02	5.15E-04
National	All Urban Counties	99998	U	3.50E-04	5.93E-02	6.60E-02	6.45E-01	8.89E-02	8.39E-04	6.25E-05	1.41E+00	1.08E-05	5.90E-05	6.41E-01	6.96E-02	8.25E-04
National	All Rural Counties	99998	R	3.62E-05	1.30E-02	7.09E-03	1.15E-01	3.03E-02	7.64E-05	1.01E-05	6.01E-01	1.09E-06	4.79E-06	6.40E-01	6.80E-02	5.05E-05
Pennsylvania	State Total	42000	-	2.46E-04	5.02E-02	6.38E-02	5.22E-01	7.51E-02	4.16E-04	6.91E-05	1.24E+00	1.20E-05	9.33E-05	6.40E-01	6.96E-02	1.06E-03
Pennsylvania	State Urban Counties	42000	U	3.00E-04	5.79E-02	7.82E-02	6.13E-01	8.43E-02	5.32E-04	8.66E-05	1.42E+00	1.40E-05	1.15E-04	6.40E-01	7.02E-02	1.36E-03
Pennsylvania	State Rural Counties	42000	R	5.69E-05	1.73E-02	1.61E-02	1.58E-01	3.79E-02	1.22E-04	2.43E-05	6.76E-01	2.95E-06	1.11E-05	6.41E-01	6.83E-02	1.68E-04
Pennsylvania	Adams County	42001	R	8.76E-05	1.85E-02	2.02E-02	3.11E-01	4.74E-02	1.84E-04	2.64E-05	8.08E-01	2.88E-06	1.04E-05	6.43E-01	6.85E-02	1.62E-04
Pennsylvania	Allegheny County	42003	U	3.54E-04	5.95E-02	7.04E-02	6.06E-01	8.02E-02	3.45E-04	9.86E-05	1.42E+00	1.22E-05	9.66E-05	6.39E-01	7.00E-02	8.91E-04
Pennsylvania	Armstrong County	42005	R	3.68E-05	1.57E-02	1.58E-02	1.82E-01	3.21E-02	1.22E-04	3.17E-05	6.64E-01	2.83E-06	1.28E-05	6.41E-01	6.84E-02	2.40E-04
Pennsylvania	Beaver County	42007	U	1.50E-04	2.95E-02	3.88E-02	3.45E-01	4.84E-02	1.33E-04	6.62E-05	8.70E-01	1.16E-05	7.03E-04	6.40E-01	6.87E-02	5.86E-03
Pennsylvania	Bedford County	42009	R	7.35E-05	8.53E-03	5.79E-03	8.77E-02	2.32E-02	1.34E-04	4.23E-06	5.38E-01	8.81E-07	2.43E-06	6.40E-01	6.80E-02	2.27E-05
Pennsylvania	Berks County	42011	U	3.91E-04	6.54E-02	7.54E-02	5.15E-01	7.62E-02	7.38E-04	4.65E-05	1.32E+00	1.02E-04	3.31E-05	6.42E-01	6.94E-02	6.91E-03
Pennsylvania	Blair County	42013	R	1.60E-05	5.54E-02	4.35E-02	2.39E-01	5.15E-02	6.90E-05	5.74E-05	9.69E-01	8.69E-06	2.61E-05	6.47E-01	6.87E-02	8.18E-04
Pennsylvania	Bradford County	42015	R	4.97E-05	8.49E-03	6.46E-03	9.74E-02	2.59E-02	9.76E-05	6.62E-06	5.44E-01	7.56E-07	7.71E-06	6.42E-01	6.80E-02	6.27E-05
Pennsylvania	Bucks County	42017	U	8.71E-04	5.14E-02	9.78E-02	1.07E+00	1.22E-01	1.72E-03	8.48E-05	1.68E+00	1.49E-05	1.66E-04	6.40E-01	7.22E-02	1.63E-03
Pennsylvania	Butler County	42019	U	2.05E-04	2.14E-02	2.73E-02	2.91E-01	4.34E-02	1.85E-04	3.45E-05	8.04E-01	8.47E-06	1.62E-04	6.41E-01	6.86E-02	1.20E-03
Pennsylvania	Cambria County	42021	R	1.04E-04	2.82E-02	2.71E-02	1.40E-01	2.85E-02	1.90E-04	2.75E-05	7.07E-01	3.89E-06	9.66E-06	6.42E-01	6.82E-02	8.22E-05
Pennsylvania	Cameron County	42023	R	1.38E-05	7.58E-02	9.29E-03	1.13E-01	9.01E-02	2.98E-05	1.64E-05	6.76E-01	1.93E-06	4.94E-06	6.40E-01	6.79E-02	3.96E-05
Pennsylvania	Carbon County	42025	U	9.37E-05	1.61E-02	1.73E-02	2.28E-01	4.74E-02	1.94E-04	8.97E-06	7.73E-01	3.19E-06	1.40E-05	6.40E-01	6.88E-02	1.22E-04
Pennsylvania	Centre County	42027	R	1.90E-06	3.39E-02	3.92E-02	1.75E-01	4.46E-02	4.58E-05	1.93E-05	7.64E-01	3.84E-06	8.28E-06	6.40E-01	6.84E-02	3.74E-04
Pennsylvania	Chester County	42029	U	2.22E-04	3.31E-02	5.75E-02	6.85E-01	8.60E-02	5.09E-04	7.64E-05	1.23E+00	1.42E-05	1.02E-04	6.40E-01	7.13E-02	1.12E-03
Pennsylvania	Clarion County	42031	R	6.54E-05	8.47E-03	6.13E-03	7.98E-02	2.17E-02	1.22E-04	1.49E-05	5.44E-01	1.19E-06	3.37E-06	6.41E-01	6.82E-02	5.47E-04
Pennsylvania	Clearfield County	42033	R	9.08E-06	1.06E-02	8.27E-03	1.01E-01	2.88E-02	2.65E-05	1.76E-05	5.61E-01	1.53E-06	4.90E-06	6.39E-01	6.80E-02	6.86E-05
Pennsylvania	Clinton County	42035	R	1.71E-04	2.22E-02	1.42E-02	1.37E-01	4.92E-02	1.86E-03	4.60E-05	6.43E-01	2.95E-06	8.36E-06	6.38E-01	6.82E-02	1.29E-04
Pennsylvania	Columbia County	42037	U	8.78E-06	1.58E-02	1.86E-02	2.41E-01	4.64E-02	4.80E-05	6.80E-05	6.94E-01	4.66E-06	3.57E-04	6.42E-01	7.42E-02	4.17E-04
Pennsylvania	Crawford County	42039	R	1.08E-05	7.26E-03	7.60E-03	9.48E-02	1.87E-02	3.75E-05	9.85E-06	5.42E-01	1.07E-06	4.29E-06	6.38E-01	6.81E-02	1.70E-04
Pennsylvania	Cumberland County	42041	U	1.68E-04	5.48E-02	6.22E-02	4.50E-01	7.08E-02	3.27E-04	3.74E-05	1.20E+00	8.42E-06	2.34E-05	6.39E-01	6.90E-02	5.09E-04
Pennsylvania	Dauphin County	42043	U	1.68E-04	8.57E-02	6.32E-02	5.71E-01	8.60E-02	3.31E-04	4.11E-05	1.48E+00	8.95E-06	3.25E-05	6.41E-01	6.91E-02	2.46E-04
Pennsylvania	Delaware County	42045	U	1.67E-04	7.82E-02	1.21E-01	1.32E+00	1.65E-01	5.53E-04	2.04E-04	2.19E+00	2.36E-05	3.55E-04	6.41E-01	7.98E-02	2.47E-03
Pennsylvania	Elk County	42047	U	8.60E-05	1.18E-02	7.79E-03	5.45E-02	2.50E-02	1.66E-04	2.35E-05	5.28E-01	2.66E-06	8.36E-06	6.41E-01	6.79E-02	3.35E-04
Pennsylvania	Erie County	42049	U	1.74E-04	3.38E-02	3.89E-02	1.97E-01	3.11E-02	3.17E-04	8.23E-05	8.07E-01	7.33E-06	2.17E-05	6.40E-01	6.84E-02	1.27E-03
Pennsylvania	Fayette County	42051	U	1.16E-04	2.37E-02	2.02E-02	2.23E-01	4.05E-02	2.30E-04	2.77E-05	7.54E-01	3.21E-06	1.67E-05	6.43E-01	6.85E-02	2.17E-04
Pennsylvania	Forest County	42053	R	3.45E-05	6.08E-03	1.76E-03	4.07E-02	1.91E-02	6.29E-05	7.67E-06	4.77E-01	6.44E-07	2.53E-06	6.47E-01	6.79E-02	1.24E-04
Pennsylvania	Franklin County	42055	R	1.62E-04	1.98E-02	2.03E-02	2.77E-01	4.86E-02	3.02E-04	5.45E-05	7.87E-01	2.53E-06	8.30E-06	6.40E-01	6.85E-02	7.08E-05

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State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel
National	All	99999	-	0.00E+00	1.07E+00	6.08E-03	5.27E-02	1.25E-03	6.77E-01	7.51E-05	3.71E-08	1.54E-03	1.06E-03	1.33E-03	2.72E-01	7.43E-04
National	All Urban Counties	99998	U	0.00E+00	1.30E+00	6.08E-03	5.28E-02	1.80E-03	8.22E-01	7.51E-05	6.61E-08	2.50E-03	1.32E-03	1.40E-03	3.22E-01	1.10E-03
National	All Rural Counties	99998	R	0.00E+00	4.63E-01	6.08E-03	5.26E-02	1.05E-04	3.45E-01	7.51E-05	9.29E-10	1.45E-04	2.38E-04	1.21E-03	1.40E-01	8.37E-05
Pennsylvania	State Total	42000	-	0.00E+00	1.41E+00	6.08E-03	5.28E-02	1.88E-03	7.14E-01	7.50E-05	5.09E-08	3.15E-03	1.72E-03	1.47E-03	3.02E-01	1.58E-03
Pennsylvania	State Urban Counties	42000	U	0.00E+00	1.66E+00	6.08E-03	5.29E-02	2.47E-03	7.98E-01	7.50E-05	6.43E-08	3.75E-03	2.03E-03	1.55E-03	3.48E-01	1.84E-03
Pennsylvania	State Rural Counties	42000	R	0.00E+00	7.67E-01	6.08E-03	5.26E-02	3.30E-04	4.10E-01	7.50E-05	4.33E-09	4.08E-04	4.49E-04	1.24E-03	1.79E-01	3.33E-04
Pennsylvania	Adams County	42001	R	0.00E+00	1.18E+00	6.08E-03	5.23E-02	2.59E-04	4.98E-01	7.51E-05	3.05E-10	2.67E-04	4.26E-04	1.28E-03	2.07E-01	1.62E-04
Pennsylvania	Allegheny County	42003	U	3.38E-02	1.28E+00	6.08E-03	5.26E-02	2.64E-03	7.74E-01	7.50E-05	6.18E-08	3.48E-03	2.54E-03	1.56E-03	2.68E-01	1.77E-03
Pennsylvania	Armstrong County	42005	R	4.41E-04	7.20E-01	6.08E-03	5.27E-02	3.17E-04	3.95E-01	7.51E-05	3.97E-09	5.40E-04	1.35E-03	1.25E-03	1.49E-01	6.67E-04
Pennsylvania	Beaver County	42007	U	6.51E-03	9.72E-01	6.08E-03	5.24E-02	9.78E-04	5.50E-01	7.50E-05	7.92E-08	1.08E-02	4.55E-03	1.45E-03	2.02E-01	1.83E-03
Pennsylvania	Bedford County	42009	R	0.00E+00	6.31E-01	6.07E-03	5.25E-02	1.33E-04	3.06E-01	7.51E-05	1.25E-10	8.48E-05	7.16E-05	1.20E-03	1.37E-01	7.36E-05
Pennsylvania	Berks County	42011	U	0.00E+00	1.68E+00	6.08E-03	5.27E-02	1.25E-03	7.08E-01	7.51E-05	1.54E-07	4.55E-03	2.56E-03	1.39E-03	3.60E-01	7.57E-03
Pennsylvania	Blair County	42013	R	0.00E+00	9.65E-01	6.08E-03	5.26E-02	2.51E-03	4.92E-01	7.51E-05	1.24E-07	1.70E-03	6.85E-04	1.32E-03	2.21E-01	1.21E-03
Pennsylvania	Bradford County	42015	R	0.00E+00	6.03E-01	6.08E-03	5.24E-02	1.46E-04	3.27E-01	7.50E-05	2.70E-09	1.57E-04	2.22E-04	1.21E-03	2.29E-01	4.87E-05
Pennsylvania	Bucks County	42017	U	0.00E+00	2.26E+00	6.08E-03	6.47E-02	2.80E-03	1.24E+00	7.51E-05	8.33E-08	3.29E-03	1.53E-03	1.86E-03	4.20E-01	1.46E-03
Pennsylvania	Butler County	42019	U	2.82E-03	8.44E-01	6.08E-03	5.25E-02	6.83E-04	4.87E-01	7.50E-05	3.02E-08	2.20E-03	2.08E-03	1.32E-03	1.80E-01	1.26E-03
Pennsylvania	Cambria County	42021	R	0.00E+00	7.58E-01	6.08E-03	5.25E-02	5.01E-04	3.65E-01	7.50E-05	2.29E-09	2.01E-04	3.29E-04	1.24E-03	1.72E-01	6.42E-04
Pennsylvania	Cameron County	42023	R	0.00E+00	4.01E-01	6.08E-03	5.24E-02	1.10E-05	6.28E-01	7.50E-05	2.88E-10	2.32E-04	1.85E-04	1.20E-03	1.39E-01	2.28E-03
Pennsylvania	Carbon County	42025	U	3.06E-03	1.16E+00	6.07E-03	5.25E-02	3.47E-04	4.69E-01	7.50E-05	3.69E-09	4.71E-04	1.05E-03	1.25E-03	3.05E-01	1.36E-04
Pennsylvania	Centre County	42027	R	0.00E+00	7.34E-01	6.08E-03	5.27E-02	4.17E-04	4.24E-01	7.51E-05	2.60E-08	1.06E-02	4.29E-04	1.23E-03	1.91E-01	4.62E-04
Pennsylvania	Chester County	42029	U	0.00E+00	1.79E+00	6.08E-03	5.39E-02	1.93E-03	9.39E-01	7.51E-05	5.54E-08	2.65E-03	1.03E-03	1.58E-03	2.75E-01	1.58E-03
Pennsylvania	Clarion County	42031	R	0.00E+00	5.72E-01	6.08E-03	5.27E-02	9.03E-05	2.88E-01	7.51E-05	1.52E-09	8.90E-05	2.60E-04	1.21E-03	1.35E-01	6.53E-04
Pennsylvania	Clearfield County	42033	R	0.00E+00	5.63E-01	6.08E-03	5.25E-02	2.30E-04	3.20E-01	7.50E-05	1.68E-10	3.16E-04	1.50E-04	1.22E-03	1.37E-01	8.86E-05
Pennsylvania	Clinton County	42035	R	0.00E+00	6.64E-01	6.08E-03	5.27E-02	2.49E-04	4.49E-01	7.51E-05	1.97E-08	1.33E-03	3.40E-04	1.22E-03	1.47E-01	1.47E-04
Pennsylvania	Columbia County	42037	U	0.00E+00	9.90E-01	6.09E-03	6.51E-02	7.50E-04	4.54E-01	7.51E-05	2.89E-09	7.48E-04	6.61E-04	1.32E-03	4.83E-01	3.20E-04
Pennsylvania	Crawford County	42039	R	0.00E+00	5.85E-01	6.08E-03	5.27E-02	1.37E-04	2.87E-01	7.50E-05	4.48E-09	1.76E-04	2.67E-04	1.23E-03	2.01E-01	1.75E-04
Pennsylvania	Cumberland County	42041	U	0.00E+00	1.43E+00	6.08E-03	5.27E-02	1.09E-03	6.61E-01	7.51E-05	6.02E-10	1.08E-03	9.98E-04	1.37E-03	2.65E-01	4.36E-04
Pennsylvania	Dauphin County	42043	U	0.00E+00	1.55E+00	6.08E-03	5.25E-02	1.86E-03	7.59E-01	7.50E-05	5.50E-09	1.86E-03	1.59E-03	1.46E-03	2.71E-01	6.66E-04
Pennsylvania	Delaware County	42045	U	0.00E+00	2.28E+00	6.08E-03	7.00E-02	5.10E-03	1.59E+00	7.51E-05	9.78E-08	1.07E-02	2.45E-03	2.27E-03	4.67E-01	3.54E-03
Pennsylvania	Elk County	42047	U	0.00E+00	4.47E-01	6.08E-03	5.26E-02	1.31E-04	3.20E-01	7.50E-05	2.86E-08	1.01E-03	2.87E-04	1.20E-03	1.38E-01	7.60E-04
Pennsylvania	Erie County	42049	U	9.79E-04	7.04E-01	6.08E-03	5.26E-02	8.69E-04	3.85E-01	7.51E-05	8.22E-09	1.09E-03	2.38E-03	1.28E-03	2.60E-01	1.55E-03
Pennsylvania	Fayette County	42051	U	6.39E-03	8.11E-01	6.08E-03	5.25E-02	3.63E-04	4.25E-01	7.50E-05	2.03E-08	1.27E-03	3.36E-04	1.27E-03	1.61E-01	2.05E-04
Pennsylvania	Forest County	42053	R	0.00E+00	3.94E-01	6.09E-03	5.24E-02	2.60E-05	3.00E-01	7.51E-05	4.19E-10	1.20E-04	1.13E-04	1.20E-03	1.39E-01	1.90E-04
Pennsylvania	Franklin County	42055	R	0.00E+00	1.11E+00	6.08E-03	5.26E-02	2.87E-04	4.79E-01	7.52E-05	2.55E-09	4.56E-04	3.49E-04	1.26E-03	1.80E-01	1.76E-04

1996 Modeled Exposure Concentrations for Pennsylvania

EPA strongly cautions that these modeling results should not be used to draw conclusions about local concentrations or risk. The results are most meaningful when viewed at the state or national level. The results are less certain. In addition, these results represent conditions in 1996 rather than current conditions.

- The exposure estimates presented below are representative of midrange estimates of population exposures. Due to a number of factors, some individuals may have substantially higher or lower exposures. It is important to note that the model, as applied on the national scale, is not designed to quantify these extreme values of individual exposures.
- Note that for certain chemicals, exposure pathways other than inhalation as well as indoor sources of air toxics may contribute substantially to total exposures of concern. This assessment does not address these other routes of exposure (i.e., ingestion or dermal) or inhalation exposure resulting from indoor sources.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.
- Methods of estimating emissions as well as simplified modeling assumptions may introduce significant uncertainties into each component of the assessment.
[For a discussion of limitations please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.

				Estimated Annual Median Exposure Concentrations (ug/m3) for Pennsylvania											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
National	All	99999	-	3.00E-04	1.84E-01	4.27E-02	3.11E-05	1.85E-07	9.86E-02	7.61E-04					
National	All Urban Counties	99998	U	3.00E-04	2.13E-01	5.26E-02	4.73E-05	3.22E-07	1.12E-01	1.16E-03					
National	All Rural Counties	99998	R	3.00E-04	1.14E-01	9.18E-03	4.85E-06	1.07E-08	7.06E-02	1.05E-04					
Pennsylvania	State Total	42000	-	3.00E-04	1.84E-01	5.13E-02	2.56E-05	4.70E-07	1.06E-01	8.41E-04					
Pennsylvania	State Urban Counties	42000	U	3.00E-04	2.05E-01	6.10E-02	3.20E-05	6.62E-07	1.21E-01	1.89E-03					
Pennsylvania	State Rural Counties	42000	R	3.00E-04	1.21E-01	1.49E-02	7.88E-06	2.90E-08	7.62E-02	1.50E-04					
Pennsylvania	Adams County	42001	R	3.00E-04	1.34E-01	1.65E-02	1.06E-05	8.36E-09	7.55E-02	2.14E-04					
Pennsylvania	Allegheny County	42003	U	3.00E-04	2.18E-01	5.83E-02	2.04E-05	7.06E-05	1.00E-01	7.70E-04					
Pennsylvania	Armstrong County	42005	R	3.00E-04	1.20E-01	1.26E-02	6.88E-06	5.51E-08	7.28E-02	1.50E-04					
Pennsylvania	Beaver County	42007	U	3.00E-04	1.47E-01	3.33E-02	1.07E-05	5.10E-05	8.75E-02	6.52E-04					
Pennsylvania	Bedford County	42009	R	3.00E-04	1.10E-01	6.00E-03	8.24E-06	2.65E-09	6.91E-02	1.73E-04					
Pennsylvania	Berks County	42011	U	3.00E-04	2.16E-01	5.68E-02	5.21E-05	6.12E-07	2.06E-01	6.11E-03					
Pennsylvania	Blair County	42013	R	3.00E-04	1.64E-01	4.29E-02	6.47E-06	3.68E-07	8.14E-02	5.03E-05					
Pennsylvania	Bradford County	42015	R	3.00E-04	1.11E-01	6.88E-03	5.98E-06	1.08E-08	7.00E-02	1.19E-04					
Pennsylvania	Bucks County	42017	U	3.02E-04	2.12E-01	7.88E-02	1.03E-04	5.56E-07	2.03E-01	1.09E-02					
Pennsylvania	Butler County	42019	U	3.00E-04	1.35E-01	2.45E-02	1.25E-05	2.52E-07	7.82E-02	2.85E-04					
Pennsylvania	Cambria County	42021	R	3.00E-04	1.22E-01	1.95E-02	1.20E-05	1.53E-08	7.46E-02	2.49E-04					
Pennsylvania	Cameron County	42023	R	3.00E-04	1.08E-01	2.03E-02	1.61E-06	5.12E-09	9.19E-02	3.26E-05					
Pennsylvania	Carbon County	42025	U	3.00E-04	1.18E-01	1.51E-02	1.19E-05	5.24E-08	7.42E-02	3.20E-04					
Pennsylvania	Centre County	42027	R	3.00E-04	1.66E-01	2.75E-02	2.00E-06	8.67E-08	7.80E-02	1.01E-05					
Pennsylvania	Chester County	42029	U	3.01E-04	1.74E-01	4.40E-02	3.14E-05	3.20E-07	1.48E-01	1.27E-02					
Pennsylvania	Clarion County	42031	R	3.00E-04	1.11E-01	5.95E-03	7.76E-06	1.50E-08	6.96E-02	1.54E-04					
Pennsylvania	Clearfield County	42033	R	3.00E-04	1.19E-01	7.59E-03	1.38E-06	4.35E-09	7.79E-02	2.17E-05					
Pennsylvania	Clinton County	42035	R	3.00E-04	1.17E-01	1.85E-02	1.98E-05	7.12E-08	7.54E-02	4.10E-04					
Pennsylvania	Columbia County	42037	U	3.01E-04	1.19E-01	1.79E-02	2.38E-06	3.32E-08	7.44E-02	1.38E-04					
Pennsylvania	Crawford County	42039	R	3.00E-04	1.14E-01	6.12E-03	2.49E-06	2.28E-08	8.47E-02	3.19E-05					
Pennsylvania	Cumberland County	42041	U	3.00E-04	1.78E-01	4.49E-02	1.98E-05	1.08E-08	9.12E-02	4.39E-04					
Pennsylvania	Dauphin County	42043	U	3.00E-04	1.68E-01	4.61E-02	2.01E-05	3.16E-08	9.68E-02	4.94E-04					
Pennsylvania	Delaware County	42045	U	3.04E-04	2.39E-01	1.19E-01	3.20E-05	5.87E-07	1.71E-01	1.14E-02					
Pennsylvania	Elk County	42047	U	3.00E-04	1.11E-01	7.97E-03	1.06E-05	8.02E-08	1.45E-01	2.19E-04					
Pennsylvania	Erie County	42049	U	3.00E-04	1.45E-01	2.62E-02	2.03E-05	2.99E-08	9.79E-02	4.11E-04					
Pennsylvania	Fayette County	42051	U	3.00E-04	1.26E-01	1.83E-02	1.48E-05	1.33E-05	8.27E-02	2.92E-04					
Pennsylvania	Forest County	42053	R	3.01E-04	1.07E-01	3.57E-03	3.94E-06	7.04E-09	7.93E-02	8.12E-05					
Pennsylvania	Franklin County	42055	R	3.00E-04	1.24E-01	1.69E-02	1.88E-05	1.57E-08	7.34E-02	3.81E-04					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Pennsylvania												
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium
Pennsylvania	Fulton County	42057	R	3.19E-05	7.22E-03	4.54E-03	9.80E-02	2.47E-02	6.22E-05	3.17E-04	5.31E-01	5.97E-07	2.40E-06	6.40E-01	6.78E-02	1.92E-05
Pennsylvania	Greene County	42059	R	6.82E-05	1.11E-02	1.14E-02	1.58E-01	3.10E-02	1.35E-04	1.67E-05	6.34E-01	1.69E-06	1.64E-05	6.44E-01	6.81E-02	1.56E-04
Pennsylvania	Huntingdon County	42061	R	6.82E-06	1.05E-02	6.62E-03	9.81E-02	2.86E-02	2.21E-05	9.94E-06	5.47E-01	1.02E-06	3.74E-06	6.42E-01	6.80E-02	4.86E-05
Pennsylvania	Indiana County	42063	R	6.83E-05	1.07E-02	1.06E-02	1.11E-01	2.33E-02	1.32E-04	2.82E-05	6.01E-01	2.26E-06	8.89E-06	6.37E-01	6.81E-02	7.17E-05
Pennsylvania	Jefferson County	42065	R	1.41E-05	1.48E-02	1.56E-02	9.86E-02	2.68E-02	3.53E-05	1.22E-05	5.96E-01	1.39E-06	3.95E-06	6.37E-01	6.80E-02	7.89E-04
Pennsylvania	Juniata County	42067	R	1.55E-05	1.37E-02	9.40E-03	1.47E-01	3.53E-02	3.97E-05	1.05E-05	6.21E-01	1.38E-06	8.61E-06	6.41E-01	6.81E-02	4.06E-05
Pennsylvania	Lackawanna County	42069	U	1.46E-03	6.97E-02	7.75E-02	4.41E-01	7.91E-02	2.56E-03	3.64E-05	1.31E+00	1.04E-05	5.56E-05	6.40E-01	6.93E-02	1.17E-04
Pennsylvania	Lancaster County	42071	U	7.65E-05	4.57E-02	5.42E-02	4.62E-01	6.36E-02	1.95E-04	3.67E-05	1.10E+00	1.09E-05	2.34E-05	6.40E-01	6.92E-02	9.53E-04
Pennsylvania	Lawrence County	42073	R	8.62E-05	2.06E-02	2.97E-02	2.63E-01	4.13E-02	1.69E-04	4.17E-05	7.84E-01	1.94E-05	7.01E-03	6.41E-01	6.85E-02	2.06E-03
Pennsylvania	Lebanon County	42075	U	1.90E-04	2.92E-02	3.44E-02	3.54E-01	5.51E-02	3.70E-04	2.17E-05	8.91E-01	8.13E-06	1.67E-05	6.40E-01	6.88E-02	1.06E-03
Pennsylvania	Lehigh County	42077	U	3.64E-04	6.29E-02	8.00E-02	7.18E-01	9.33E-02	6.99E-04	5.46E-05	1.38E+00	1.78E-05	5.68E-05	6.41E-01	9.38E-02	2.47E-03
Pennsylvania	Luzerne County	42079	U	1.55E-04	5.71E-02	6.14E-02	3.71E-01	6.95E-02	3.25E-04	2.75E-05	1.16E+00	6.96E-06	2.66E-04	6.40E-01	6.91E-02	2.38E-04
Pennsylvania	Lycoming County	42081	R	1.22E-04	3.43E-02	2.99E-02	2.18E-01	5.70E-02	3.20E-04	3.26E-05	7.95E-01	4.12E-06	2.49E-05	6.41E-01	6.85E-02	6.09E-04
Pennsylvania	Mc Kean County	42083	R	5.86E-05	1.33E-02	4.36E-03	5.19E-02	2.55E-02	1.13E-04	2.72E-05	5.28E-01	1.85E-06	1.04E-05	6.40E-01	6.79E-02	9.61E-05
Pennsylvania	Mercer County	42085	R	1.38E-04	2.44E-02	3.55E-02	2.66E-01	4.18E-02	2.64E-04	2.74E-05	8.14E-01	8.75E-06	3.49E-04	6.38E-01	6.86E-02	1.53E-03
Pennsylvania	Mifflin County	42087	R	2.52E-06	1.63E-02	1.23E-02	1.43E-01	3.70E-02	3.59E-05	1.08E-05	6.28E-01	1.41E-06	6.31E-06	6.41E-01	6.80E-02	5.49E-05
Pennsylvania	Monroe County	42089	R	1.15E-04	8.88E-02	2.26E-02	3.21E-01	7.89E-02	2.39E-04	2.30E-05	1.64E+00	3.58E-06	1.41E-05	6.43E-01	8.50E-02	1.50E-04
Pennsylvania	Montgomery County	42091	U	4.25E-04	6.80E-02	1.11E-01	1.25E+00	1.44E-01	9.58E-04	1.61E-04	2.15E+00	2.29E-05	3.39E-04	6.42E-01	7.33E-02	2.49E-03
Pennsylvania	Montour County	42093	R	1.46E-05	2.04E-02	2.43E-02	2.04E-01	4.33E-02	6.03E-05	1.02E-04	7.35E-01	6.86E-06	3.16E-04	6.32E-01	1.02E-01	3.81E-04
Pennsylvania	Northampton County	42095	U	9.94E-04	4.97E-02	6.98E-02	6.10E-01	8.12E-02	1.77E-03	3.63E-05	1.21E+00	9.63E-06	4.67E-05	6.42E-01	1.08E-01	1.30E-03
Pennsylvania	Northumberland Count	42097	R	2.36E-05	3.10E-02	4.80E-02	2.28E-01	5.11E-02	7.31E-05	1.23E-04	8.02E-01	8.09E-06	7.80E-04	6.42E-01	7.58E-02	2.67E-04
Pennsylvania	Perry County	42099	U	3.77E-05	1.70E-02	1.69E-02	2.13E-01	3.99E-02	8.29E-05	1.00E-05	7.05E-01	1.63E-06	1.02E-05	6.41E-01	6.82E-02	7.18E-05
Pennsylvania	Philadelphia County	42101	U	3.19E-04	1.61E-01	2.31E-01	1.84E+00	2.38E-01	8.99E-04	2.34E-04	3.26E+00	3.86E-05	9.34E-04	6.40E-01	7.77E-02	5.82E-03
Pennsylvania	Pike County	42103	U	6.93E-05	1.13E-02	9.77E-03	1.26E-01	3.90E-02	1.41E-04	5.14E-06	6.98E-01	1.04E-06	6.88E-06	6.42E-01	6.85E-02	2.77E-05
Pennsylvania	Potter County	42105	R	5.65E-06	7.34E-03	2.16E-03	3.94E-02	2.08E-02	1.22E-05	5.75E-06	4.73E-01	4.96E-07	1.50E-06	6.38E-01	6.77E-02	1.33E-05
Pennsylvania	Schuylkill County	42107	R	9.32E-05	2.17E-02	2.72E-02	2.15E-01	4.13E-02	2.02E-04	3.42E-05	6.97E-01	3.95E-06	3.04E-04	6.40E-01	7.08E-02	3.73E-04
Pennsylvania	Snyder County	42109	R	1.68E-05	1.49E-02	1.48E-02	1.89E-01	3.92E-02	5.84E-05	6.00E-05	6.61E-01	3.37E-06	3.17E-04	6.39E-01	7.10E-02	1.01E-04
Pennsylvania	Somerset County	42111	R	1.62E-04	7.23E-03	4.99E-03	7.95E-02	1.93E-02	2.86E-04	5.87E-06	5.20E-01	8.92E-07	3.06E-06	6.38E-01	6.81E-02	1.66E-05
Pennsylvania	Sullivan County	42113	R	1.65E-05	7.21E-03	2.72E-03	6.79E-02	2.75E-02	3.47E-05	1.64E-06	5.12E-01	3.12E-07	3.14E-06	6.48E-01	6.76E-02	3.06E-05
Pennsylvania	Susquehanna County	42115	R	5.78E-05	1.02E-02	7.56E-03	1.21E-01	3.10E-02	1.12E-04	4.57E-06	5.72E-01	7.86E-07	4.51E-06	6.39E-01	6.80E-02	3.98E-05
Pennsylvania	Tioga County	42117	R	2.44E-05	1.06E-02	6.52E-03	7.76E-02	2.70E-02	4.85E-05	6.73E-06	5.34E-01	1.06E-06	4.50E-06	6.42E-01	6.78E-02	3.20E-05
Pennsylvania	Union County	42119	R	2.26E-05	1.50E-02	1.61E-02	1.78E-01	4.39E-02	1.44E-04	1.00E-04	6.39E-01	5.82E-06	6.63E-04	6.47E-01	7.36E-02	2.35E-04
Pennsylvania	Venango County	42121	R	1.33E-05	1.93E-02	1.31E-02	1.10E-01	3.38E-02	4.58E-05	1.42E-05	6.05E-01	1.75E-06	8.14E-06	6.43E-01	6.81E-02	4.83E-04
Pennsylvania	Warren County	42123	R	1.54E-05	9.01E-03	5.91E-03	5.67E-02	2.11E-02	3.33E-05	5.18E-05	5.41E-01	3.44E-06	7.61E-05	6.43E-01	6.78E-02	8.95E-04
Pennsylvania	Washington County	42125	U	3.63E-04	2.53E-02	3.10E-02	2.97E-01	4.54E-02	5.36E-04	5.14E-05	8.47E-01	5.29E-06	1.21E-04	6.41E-01	6.87E-02	5.91E-04
Pennsylvania	Wayne County	42127	R	1.69E-04	1.19E-02	9.46E-03	1.38E-01	3.96E-02	3.10E-04	3.56E-06	6.45E-01	9.91E-07	6.04E-06	6.40E-01	6.82E-02	2.68E-05
Pennsylvania	Westmoreland County	42129	U	2.73E-04	3.29E-02	4.24E-02	3.34E-01	4.89E-02	4.90E-04	5.71E-05	9.58E-01	6.56E-06	6.35E-05	6.40E-01	6.89E-02	4.47E-04
Pennsylvania	Wyoming County	42131	U	3.42E-04	1.73E-02	1.56E-02	2.32E-01	4.70E-02	6.14E-04	5.30E-06	7.03E-01	1.52E-06	1.51E-05	6.38E-01	6.83E-02	3.26E-05
Pennsylvania	York County	42133	U	2.72E-04	4.07E-02	5.34E-02	5.03E-01	7.11E-02	5.23E-04	5.93E-05	1.12E+00	7.50E-06	2.37E-05	6.41E-01	6.91E-02	9.10E-04

				Estimated Annual Median Exposure Concentrations (ug/m3) for Pennsylvania													
State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel	
Pennsylvania	Fulton County	42057	R	0.00E+00	6.79E-01	6.08E-03	5.22E-02	8.79E-05	3.10E-01	7.49E-05	8.85E-11	7.51E-05	6.14E-05	1.20E-03	1.30E-01	2.69E-05	
Pennsylvania	Greene County	42059	R	2.76E-05	7.10E-01	6.08E-03	5.23E-02	2.01E-04	3.61E-01	7.51E-05	1.27E-09	5.89E-04	1.49E-04	1.25E-03	1.41E-01	1.22E-04	
Pennsylvania	Huntingdon County	42061	R	0.00E+00	6.35E-01	6.08E-03	5.25E-02	2.44E-04	3.21E-01	7.51E-05	7.21E-10	2.73E-04	1.39E-04	1.21E-03	1.41E-01	7.35E-05	
Pennsylvania	Indiana County	42063	R	0.00E+00	6.56E-01	6.08E-03	5.26E-02	1.54E-04	3.26E-01	7.50E-05	1.36E-09	3.04E-04	6.57E-04	1.22E-03	1.48E-01	2.72E-04	
Pennsylvania	Jefferson County	42065	R	0.00E+00	5.91E-01	6.07E-03	5.25E-02	2.52E-04	3.66E-01	7.51E-05	3.61E-09	1.57E-04	4.16E-04	1.22E-03	1.54E-01	1.29E-04	
Pennsylvania	Juniata County	42067	R	0.00E+00	8.50E-01	6.07E-03	5.27E-02	6.16E-05	3.74E-01	7.50E-05	1.57E-10	2.79E-04	1.79E-04	1.26E-03	1.41E-01	8.55E-05	
Pennsylvania	Lackawanna County	42069	U	1.24E-03	1.29E+00	6.08E-03	5.29E-02	1.86E-03	6.70E-01	7.50E-05	3.47E-08	3.40E-03	1.31E-03	1.39E-03	3.62E-01	6.35E-04	
Pennsylvania	Lancaster County	42071	U	0.00E+00	1.66E+00	6.08E-03	5.26E-02	9.57E-04	6.50E-01	7.51E-05	2.13E-08	1.22E-02	1.85E-03	1.38E-03	4.37E-01	1.24E-03	
Pennsylvania	Lawrence County	42073	R	8.47E-04	8.98E-01	6.08E-03	5.27E-02	7.71E-04	4.51E-01	7.51E-05	2.11E-08	1.30E-02	3.96E-03	1.39E-03	1.95E-01	1.55E-03	
Pennsylvania	Lebanon County	42075	U	0.00E+00	1.33E+00	6.08E-03	5.27E-02	1.60E-03	5.61E-01	7.51E-05	4.28E-08	1.74E-03	8.90E-04	1.34E-03	2.27E-01	1.22E-03	
Pennsylvania	Lehigh County	42077	U	1.46E-03	2.02E+00	6.08E-03	5.26E-02	3.59E-03	8.39E-01	7.50E-05	3.56E-08	3.35E-03	1.49E-03	1.50E-03	4.69E-01	2.14E-03	
Pennsylvania	Luzerne County	42079	U	4.46E-04	1.19E+00	6.08E-03	5.27E-02	1.44E-03	6.03E-01	7.50E-05	4.25E-08	1.28E-03	7.51E-04	1.40E-03	4.36E-01	7.95E-04	
Pennsylvania	Lycoming County	42081	R	0.00E+00	8.57E-01	6.08E-03	5.30E-02	8.88E-04	5.09E-01	7.51E-05	3.64E-08	1.57E-04	7.06E-04	1.24E-03	1.87E-01	8.26E-04	
Pennsylvania	Mc Kean County	42083	R	0.00E+00	4.08E-01	6.08E-03	5.26E-02	1.27E-04	3.20E-01	7.50E-05	3.68E-08	2.19E-04	3.53E-04	1.21E-03	1.32E-01	2.17E-04	
Pennsylvania	Mercer County	42085	R	1.59E-03	9.06E-01	6.08E-03	5.26E-02	1.04E-03	5.08E-01	7.51E-05	1.58E-08	3.02E-03	3.30E-03	1.31E-03	2.08E-01	2.06E-03	
Pennsylvania	Mifflin County	42087	R	0.00E+00	7.96E-01	6.08E-03	5.24E-02	1.78E-04	3.70E-01	7.49E-05	9.46E-09	1.24E-03	6.24E-04	1.23E-03	1.83E-01	1.08E-04	
Pennsylvania	Monroe County	42089	R	3.54E-03	1.37E+00	6.08E-03	5.24E-02	5.03E-04	5.88E-01	7.50E-05	5.57E-08	3.29E-04	9.79E-04	1.28E-03	2.33E-01	1.52E-04	
Pennsylvania	Montgomery County	42091	U	0.00E+00	2.39E+00	6.08E-03	7.10E-02	3.82E-03	1.44E+00	7.50E-05	1.04E-07	5.82E-03	1.76E-03	2.12E-03	4.63E-01	2.52E-03	
Pennsylvania	Montour County	42093	R	0.00E+00	9.93E-01	6.07E-03	1.24E-01	4.47E-03	5.23E-01	7.53E-05	1.04E-08	9.89E-04	8.92E-04	1.45E-03	5.50E-01	5.03E-04	
Pennsylvania	Northampton County	42095	U	1.27E-03	1.95E+00	6.08E-03	5.27E-02	2.44E-03	7.60E-01	7.51E-05	2.35E-08	1.97E-03	1.76E-03	1.45E-03	4.57E-01	6.92E-04	
Pennsylvania	Northumberland Count	42097	R	0.00E+00	9.96E-01	6.08E-03	6.83E-02	6.36E-04	5.06E-01	7.50E-05	6.56E-09	1.35E-03	1.18E-03	1.29E-03	3.14E-01	3.69E-04	
Pennsylvania	Perry County	42099	U	0.00E+00	9.34E-01	6.08E-03	5.25E-02	1.72E-04	4.20E-01	7.50E-05	1.82E-10	3.54E-04	2.22E-04	1.28E-03	1.53E-01	8.63E-05	
Pennsylvania	Philadelphia County	42101	U	0.00E+00	3.13E+00	6.08E-03	1.17E-01	1.14E-02	2.16E+00	7.50E-05	1.76E-07	1.38E-02	4.43E-03	2.43E-03	6.42E-01	5.38E-03	
Pennsylvania	Pike County	42103	U	1.48E-04	1.06E+00	6.08E-03	5.24E-02	1.05E-04	3.45E-01	7.49E-05	1.35E-09	2.55E-04	1.53E-04	1.22E-03	1.44E-01	4.25E-05	
Pennsylvania	Potter County	42105	R	0.00E+00	3.49E-01	6.07E-03	5.22E-02	2.14E-05	3.39E-01	7.51E-05	3.02E-10	9.19E-05	3.08E-05	1.19E-03	1.24E-01	2.71E-05	
Pennsylvania	Schuylkill County	42107	R	0.00E+00	1.13E+00	6.08E-03	5.71E-02	3.82E-04	4.40E-01	7.50E-05	4.56E-08	8.54E-04	3.87E-04	1.26E-03	3.31E-01	4.66E-04	
Pennsylvania	Snyder County	42109	R	0.00E+00	9.28E-01	6.08E-03	5.84E-02	1.48E-04	4.11E-01	7.50E-05	2.46E-10	6.46E-04	5.54E-04	1.27E-03	1.72E-01	1.53E-04	
Pennsylvania	Somerset County	42111	R	0.00E+00	6.00E-01	6.08E-03	5.26E-02	9.38E-05	2.82E-01	7.50E-05	1.56E-09	7.33E-05	6.95E-05	1.20E-03	1.34E-01	6.33E-05	
Pennsylvania	Sullivan County	42113	R	0.00E+00	6.45E-01	6.08E-03	5.21E-02	5.61E-05	3.03E-01	7.49E-05	1.48E-10	2.73E-05	1.22E-04	1.20E-03	1.74E-01	3.49E-05	
Pennsylvania	Susquehanna County	42115	R	0.00E+00	6.89E-01	6.09E-03	5.25E-02	7.57E-05	3.36E-01	7.51E-05	1.96E-09	1.16E-04	1.68E-04	1.22E-03	1.48E-01	4.12E-05	
Pennsylvania	Tioga County	42117	R	0.00E+00	4.72E-01	6.08E-03	5.24E-02	4.08E-05	4.80E-01	7.50E-05	3.46E-11	5.74E-04	8.31E-05	1.21E-03	1.33E-01	1.31E-04	
Pennsylvania	Union County	42119	R	0.00E+00	8.26E-01	6.07E-03	6.33E-02	3.78E-04	4.24E-01	7.51E-05	8.22E-10	1.16E-03	1.02E-03	1.29E-03	2.36E-01	2.47E-04	
Pennsylvania	Venango County	42121	R	0.00E+00	5.98E-01	6.08E-03	5.24E-02	1.95E-04	3.49E-01	7.51E-05	2.05E-08	3.21E-04	5.40E-04	1.23E-03	1.65E-01	1.08E-03	
Pennsylvania	Warren County	42123	R	0.00E+00	4.22E-01	6.08E-03	5.23E-02	1.14E-04	2.92E-01	7.49E-05	1.48E-09	5.07E-04	1.16E-03	1.24E-03	1.85E-01	1.49E-03	
Pennsylvania	Washington County	42125	U	1.64E-02	8.89E-01	6.08E-03	5.26E-02	7.06E-04	5.22E-01	7.50E-05	1.91E-08	4.18E-03	2.10E-03	1.30E-03	1.85E-01	1.11E-03	
Pennsylvania	Wayne County	42127	R	0.00E+00	9.02E-01	6.08E-03	5.26E-02	1.80E-04	3.68E-01	7.50E-05	3.56E-10	2.96E-04	1.38E-04	1.24E-03	1.50E-01	6.13E-05	
Pennsylvania	Westmoreland County	42129	U	2.00E-02	9.44E-01	6.08E-03	5.27E-02	9.11E-04	5.35E-01	7.50E-05	2.53E-08	1.84E-03	1.37E-03	1.32E-03	2.10E-01	9.27E-04	
Pennsylvania	Wyoming County	42131	U	0.00E+00	8.62E-01	6.09E-03	5.26E-02	3.06E-04	4.35E-01	7.51E-05	4.87E-10	2.77E-04	2.44E-04	1.27E-03	1.59E-01	1.04E-04	
Pennsylvania	York County	42133	U	0.00E+00	1.51E+00	6.08E-03	5.26E-02	8.08E-04	6.82E-01	7.51E-05	2.09E-08	2.05E-03	1.73E-03	1.44E-03	4.03E-01	7.41E-04	

				Estimated Annual Median Exposure Concentrations (ug/m3) for Pennsylvania											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Pennsylvania	Fulton County	42057	R	3.00E-04	1.11E-01	5.60E-03	3.77E-06	4.25E-09	6.84E-02	7.46E-05					
Pennsylvania	Greene County	42059	R	3.00E-04	1.17E-01	1.03E-02	8.25E-06	7.20E-08	7.07E-02	1.65E-04					
Pennsylvania	Huntingdon County	42061	R	3.00E-04	1.13E-01	7.04E-03	1.25E-06	1.31E-08	6.96E-02	1.66E-05					
Pennsylvania	Indiana County	42063	R	3.00E-04	1.17E-01	8.87E-03	8.09E-06	1.01E-08	7.40E-02	1.62E-04					
Pennsylvania	Jefferson County	42065	R	3.00E-04	1.16E-01	1.16E-02	1.89E-06	9.58E-09	7.41E-02	3.43E-05					
Pennsylvania	Juniata County	42067	R	3.00E-04	1.12E-01	8.84E-03	2.15E-06	2.82E-09	6.97E-02	3.64E-05					
Pennsylvania	Lackawanna County	42069	U	3.00E-04	2.14E-01	5.80E-02	1.62E-04	1.24E-07	1.19E-01	3.43E-03					
Pennsylvania	Lancaster County	42071	U	3.00E-04	1.69E-01	4.01E-02	1.27E-05	1.28E-07	9.59E-02	2.73E-04					
Pennsylvania	Lawrence County	42073	R	3.00E-04	1.31E-01	2.73E-02	1.12E-05	1.73E-07	1.30E-01	2.77E-04					
Pennsylvania	Lebanon County	42075	U	3.00E-04	1.37E-01	2.48E-02	2.37E-05	1.61E-07	8.89E-02	6.10E-04					
Pennsylvania	Lehigh County	42077	U	3.00E-04	1.99E-01	5.94E-02	4.47E-05	1.92E-07	1.41E-01	5.89E-03					
Pennsylvania	Luzerne County	42079	U	3.00E-04	1.57E-01	4.45E-02	2.15E-05	1.65E-07	8.81E-02	5.10E-04					
Pennsylvania	Lycoming County	42081	R	3.00E-04	1.28E-01	4.34E-02	1.64E-05	1.24E-07	1.18E-01	3.00E-04					
Pennsylvania	Mc Kean County	42083	R	3.00E-04	1.16E-01	6.21E-03	8.30E-06	1.10E-07	1.02E-01	1.65E-04					
Pennsylvania	Mercer County	42085	R	3.00E-04	1.43E-01	2.73E-02	1.64E-05	2.12E-07	1.02E-01	3.32E-04					
Pennsylvania	Mifflin County	42087	R	3.00E-04	1.16E-01	1.06E-02	1.56E-06	3.28E-08	7.00E-02	9.26E-06					
Pennsylvania	Monroe County	42089	R	3.00E-04	1.21E-01	2.08E-02	1.57E-05	1.95E-07	9.95E-02	2.95E-04					
Pennsylvania	Montgomery County	42091	U	3.04E-04	2.47E-01	9.93E-02	5.95E-05	6.32E-07	3.24E-01	1.47E-02					
Pennsylvania	Montour County	42093	R	3.00E-04	1.28E-01	2.48E-02	3.18E-06	5.15E-08	8.45E-02	1.00E-04					
Pennsylvania	Northampton County	42095	U	3.00E-04	1.70E-01	4.78E-02	1.12E-04	1.28E-07	9.67E-02	2.77E-03					
Pennsylvania	Northumberland Count	42097	R	3.00E-04	1.40E-01	3.61E-02	4.02E-06	4.58E-08	7.72E-02	1.16E-04					
Pennsylvania	Perry County	42099	U	3.00E-04	1.17E-01	1.22E-02	4.69E-06	2.51E-09	7.20E-02	1.04E-04					
Pennsylvania	Philadelphia County	42101	U	3.16E-04	3.49E-01	1.96E-01	5.38E-05	9.10E-07	2.65E-01	9.61E-03					
Pennsylvania	Pike County	42103	U	3.00E-04	1.13E-01	9.00E-03	8.96E-06	2.50E-08	7.42E-02	1.67E-04					
Pennsylvania	Potter County	42105	R	3.00E-04	1.07E-01	3.67E-03	7.43E-07	3.58E-09	7.25E-02	1.41E-05					
Pennsylvania	Schuylkill County	42107	R	3.00E-04	1.28E-01	2.02E-02	1.38E-05	1.77E-07	7.40E-02	3.70E-04					
Pennsylvania	Snyder County	42109	R	3.00E-04	1.22E-01	1.38E-02	2.67E-06	7.78E-09	7.23E-02	3.96E-05					
Pennsylvania	Somerset County	42111	R	3.00E-04	1.10E-01	5.15E-03	1.80E-05	1.07E-08	7.00E-02	3.92E-04					
Pennsylvania	Sullivan County	42113	R	3.00E-04	1.08E-01	5.35E-03	2.03E-06	2.89E-09	6.88E-02	3.90E-05					
Pennsylvania	Susquehanna County	42115	R	3.00E-04	1.11E-01	7.82E-03	6.98E-06	2.64E-08	7.00E-02	1.36E-04					
Pennsylvania	Tioga County	42117	R	3.00E-04	1.09E-01	6.65E-03	2.87E-06	1.18E-09	6.98E-02	5.76E-05					
Pennsylvania	Union County	42119	R	3.00E-04	1.17E-01	1.72E-02	3.31E-06	1.71E-08	7.41E-02	5.35E-05					
Pennsylvania	Venango County	42121	R	3.00E-04	1.14E-01	1.31E-02	3.36E-06	7.08E-08	7.49E-02	3.84E-05					
Pennsylvania	Warren County	42123	R	3.00E-04	1.16E-01	7.77E-03	2.02E-06	1.25E-08	1.05E-01	3.87E-05					
Pennsylvania	Washington County	42125	U	3.00E-04	1.43E-01	3.04E-02	3.34E-05	5.65E-05	8.16E-02	8.20E-04					
Pennsylvania	Wayne County	42127	R	3.00E-04	1.14E-01	8.69E-03	1.91E-05	8.81E-09	7.41E-02	3.96E-04					
Pennsylvania	Westmoreland County	42129	U	3.00E-04	1.54E-01	3.27E-02	3.02E-05	3.38E-05	9.88E-02	6.85E-04					
Pennsylvania	Wyoming County	42131	U	3.01E-04	1.19E-01	1.31E-02	3.83E-05	1.32E-08	7.46E-02	8.00E-04					
Pennsylvania	York County	42133	U	3.00E-04	1.66E-01	4.20E-02	3.34E-05	1.07E-07	1.19E-01	8.71E-04					